

GEORGIA INSTITUTE OF TECHNOLOGY
OFFICE OF CONTRACT ADMINISTRATION

NOTICE OF PROJECT CLOSEOUT

Closeout Notice Date 04/05/91

Project No. D-48-658 _____ Center No. 10/24-6-R7063-OA0_
Project Director CIRCEO L JR _____ School/Lab DEAN ARCH _____
Sponsor ARMY/CON ENG RES LAB, IL _____
Contract/Grant No. DACA88-90-D-0011-0002 _____ Contract Entity GTRC
Prime Contract No. _____
Title PROVIDE A SOLIDS MODELING ENHANCEMENT TO THE AUTOCAD TEACHING ASSISTANT _____
Effective Completion Date 910430 (Performance) 910430 (Reports)

Closeout Actions Required:	Y/N	Date Submitted
Final Invoice or Copy of Final Invoice	Y	_____
Final Report of Inventions and/or Subcontracts	Y	_____
Government Property Inventory & Related Certificate	Y	_____
Classified Material Certificate	N	_____
Release and Assignment	Y	_____
Other _____	N	_____
Comments _____		

Subproject Under Main Project No. _____

Continues Project No. _____

Distribution Required:

Project Director	Y
Administrative Network Representative	Y
GTRI Accounting/Grants and Contracts	Y
Procurement/Supply Services	Y
Research Property Management	Y
Research Security Services	N
Reports Coordinator (OCA)	Y
GTRC	Y
Project File	Y
Other _____	N
_____	N

NOTE: Final Patent Questionnaire sent to PDPI.

SPECIFICATIONS DOCUMENT

The following is a description of the contents of seven lessons that will constitute the Solids Modeling Teaching Assistant for Autocad Release 11.0.

- Lesson0:** The Engineering Process
 Need For 3-D Geometric Modeling
 Types of 3-D Modeling (B-rep, Surface, Solids)
 Topology Vs. Geometry
 Advantages of Solids Modeling
 The Process of Solids Modeling

- Lesson1:** Menu Structure of Solids Modeling Extension
 Overview of System Parameters
 Data Organization (Primitives, Products, Assemblies)

- Lesson2:** Primitive Definition and Positioning
 Primitive Libraray
 Transformations of Geometry

- Lesson3:** Definition of Geometrical Space
 Views: Definition and Layout

- Lesson4:** The Boolean Operators
 The Construction Process

- Lesson5:** Applications of the Solid Model
 Hidden Line Removal
 Shading
 Mass Properties
 Manufacturing, Analysis

- Lesson6:** Data Exchange (Internal)
 Data Exchange (External)
 Data Structures

This document represents the second deliverable for project number D-48-658 under CERL IDC No. DACA88-90-Q486.

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OCA PAD INITIATION - PROJECT HEADER INFORMATION

10/02/90

Active

Project #: D-48-658 Cost share #:
Center # : 10/24-6-R7063-OA0 Center shr #:
Contract#: DACA88-90-D-0011-0002 Mod #:
Prime #:

Rev #: 0
OCA file #: 168
Work type : RES
Document : DO
Contract entity: GTRC

Subprojects ? : N
Main project #:

Project unit: DEAN ARCH Unit code: 02.010.170
Project director(s):
 CIRCEO L JR DEAN ARCH (404)894-3390

Sponsor/division names: ARMY / CON ENG RES LAB, IL
Sponsor/division codes: 102 / 020

Award period: 900916 to 910430 (performance) 910430 (reports)

Sponsor amount	New this change	Total to date
Contract value	10,976.00	10,976.00
Funded	10,976.00	10,976.00
Cost sharing amount		0.00

Does subcontracting plan apply ? : Y

Title: PROVIDE A SOLIDS MODELING ENHANCEMENT TO THE AUTOCAD TEACHING ASSISTANT

PROJECT ADMINISTRATION DATA

OCA contact: William F. Brown 894-4820

Sponsor technical contact	Sponsor issuing office
DR. DORIS SHAW (217)373-6729	MS. JOAN R. PERCIVAL/CONTRACTS DIV. (217)373-7297
U.S. ARMY CONSTR. ENGR. RESEARCH LAB P.O. BOX 4005 CHAMPAIGN, IL 61824-4005	U.S. ARMY CONSTR. ENGR. RESEARCH LAB P.O. BOX 4005 CHAMPAIGN, IL 61824-4005

Security class (U,C,S,TS) : U ONR resident rep. is ACO (Y/N): N
Defense priority rating : DO-C2 N/A supplemental sheet
Equipment title vests with: Sponsor GIT X
(FIXED PRICE D.O. AND NO PROPERTY CLAUSE INCORPORATED IN BASIC CONTRACT)
Administrative comments -
 FIXED PRICE DELIVERY ORDER SUBJECT TO THE TERMS OF BOA DACA88-90-D-0011 (OCA
 FILE #168).

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